

# Comparisons of Job Characteristics

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Medical Equipment Preparers (31-9093)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 76

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Medical Equipment Preparers (31-9093)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	16.9	13.2	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	10.3	8.6	<	Expanded education and/or training may be required
Production and Processing	6.0	9.2	5.8	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	8.4	15.2	>>	Current knowledge level is likely more than sufficient
Chemistry	4.8	8.0	7.4	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 87

**Focus Occupation: Surgical Technologists (29-2055)**

**Associated Occupation: Medical Equipment Preparers (31-9093)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation Monitoring	6.6	9.8	10.6	0	Current skill level may be sufficient
Quality Control Analysis	5.9	8.6	8.6	0	Current skill level may be sufficient
Equipment Maintenance	3.5	7.4	6.9	0	Current skill level may be sufficient
Troubleshooting	4.5	7.0	5.5	<	A higher skill level may be required
Repairing	3.4	6.3	5.0	<	A higher skill level may be required
Equipment Selection	3.3	5.5	5.6	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 93			
Focus Occupation: Surgical Technologists (29-2055)					
Associated Occupation: Medical Equipment Preparers (31-9093)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	11.9	12.3	0	Current ability level may be sufficient
Problem Sensitivity	11.1	11.2	12.9	>	Current ability level is likely sufficient
Near Vision	11.1	10.8	12.2	>	Current ability level is likely sufficient
Arm-Hand Steadiness	6.8	10.6	11.4	0	Current ability level may be sufficient
Oral Expression	12.4	10.6	11.9	>	Current ability level is likely sufficient
Information Ordering	9.9	9.8	10.8	>	Current ability level is likely sufficient
Written Comprehension	11.0	9.8	9.7	0	Current ability level may be sufficient
Finger Dexterity	7.6	9.6	10.6	>	Current ability level is likely sufficient
Static Strength	5.0	7.8	7.2	0	Current ability level may be sufficient
Rate Control	3.8	6.1	3.7	<<	Extensive improvement in abilities may be required
Wrist-Finger Speed	3.2	5.8	5.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 82
<b>Focus Occupation: Surgical Technologists (29-2055)</b> <b>Associated Occupation: Medical Equipment Preparers (31-9093)</b>		
Work Activities	Exclusivity of Activity	
Inventory medical supplies or instruments	67	
Lift or transport ill or injured patients	69	
Prepare supplies or equipment for surgery	89	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 67
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**Focus Occupation: Surgical Technologists (29-2055)**  
**Associated Occupation: Medical Equipment Preparers (31-9093)**

<b>Tools and Technologies</b>	<b>Exclusivity</b>
Autoclave and sterilizer equipment and accessories	12
Computers	1
Content authoring and editing software	1
Data management and query software	1
Information exchange software	1
Presterilization cleaning equipment and solutions	24

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.